

ABSTRACT OF THE DISCLSOURE

The invention relates to a method for determining the speed of a vehicle with the aid of sensors on board said vehicle, whereby the vehicle is moved by an engine (6) coupled to a gear box (8), wherein the speed is determined by multiplying the value of the engine rpm obtained by a sensor by a predetermined coefficient as a function of the engaged gearbox ratio. The engaged gearbox ratio is determined during a change in gearbox ratio by dividing the values of the engine rpm measured just before and after the ratio change by each another and by comparing the result of said division with predetermined stored values which are dependent upon the gear box (8) with which the vehicle is fitted. The invention can be used to determine the speed of a vehicle in a degraded mode i.e. in the event of a speed sensor failure.